

BARBU, I.Z.

Brebina transylvanica n. g. n. sp., a new Milicoida in the Eocene of northwestern Transylvania. *Studii cerc geol geof geogr* 9 no.2: 263-266 '64.

1. Faculty of Geology and Geography, University of Bucharest.
Submitted April 15, 1964.

BARBEE, I. Z.

1. "On the Gracile Volcanic in the eastern part of the Matalleros Mountains," Geological 1934; pp 7-15.
2. "New Data on the Gracility of an ancient Volcanic of Northern Mexico," Geological 1934; pp 15-25.
3. "The Problem of the Lower and Upper Limits of the Pleistocene in the Mexican Corridors," Geological 1934; pp 29-36.
4. "The Volcanic of the Mexican Corridors in the vicinity of Mexico," Geological 1934; pp 27-51.
5. "Contributions to the study of the Sonora Volcanic and the study of the San-Clayton Region (South West of Ohio)," Geological 1934; pp 35-63.
6. "Palaeontological Data concerning the Geology of the Pleistocene between the Appalachian and Mexican Volcanic," Geological 1934; pp 65-79.
7. "Galician Data of the San-Pedro Hill," Geological 1934; pp 81-89.
8. "Contributions to the study of the Pleistocene in the Olmecan of Mexico," Geological 1934; pp 91-100.
9. "Concerning the System of the Geographical Belances," Geological 1934; pp 101-109.
10. "Geographical Observations in the lower Basin of the Basin," Geological 1934; pp 111-126.
11. "The Platform and Tension Levels of the Gulf of Mexico and Sub-Correlations (The Sector between the Ohio and the West and East in the Basin)," Geological 1934; pp 127-133.
12. "Plateau Geology: Geomorphological Considerations," Geological 1934; pp 135-143.
13. "Contributions to the Geomorphological Study of the Mexican Corridors," Geological 1934; pp 145-153.

— 1/2 —

SURNAME, Given Names

BARBUL, M.
Country: Rumania

Academic Degrees: [not given]

Affiliation: "Petrochim" Institute (Institutul "Petrochim"), Ploiesti.

Source: Bucharest, Revista de Chimie, Vol 12, No 8, Aug 1961, pp 497-498.

Data: "The Analysis of the Dehydrogenation Product of Ethylbenzene by Means of Gas-Liquid Partition Chromatography."

Authors:

FO P, A.
BARBUL, M.
BESCHEA, C.

GPO 981643

COJOCARU, Lucia, ing.; BARBU, M., ing.; MANEA, V.; ing.; PREDESCU, T., ing.

Determining the quality of malt requisite for beer preparation following the Hartong processing index. Ind alim veget 13 no.3:90-93 Mr '62.

1. Fabrica de bere, Grivita (for Cojocaru, Barbu, Manea).
2. Ministerul Industriei Alimentare (for Predescu).

BAHUI, N.: BUCUR, N.

Contributions to the study of the loessic rocks in the Jijia and Bahlui Depression. In French. p. 149.

ANALALE STIINTIFICE. SECTIUNEA II: STIINTA NATURALE. Iasi. Rumania.
Vol. 5, no. 1, 1959.

Monthly List of East European Accessions (EEA) LC, Vol. 9, no. 1,
January 1960.

Uncl.

BARBU, N.: RACLARU, D.

Floristic and geobotanic study of the Iucina basin in Bucovina. p. 81.

ANALELE STIINTIFICE. SECTIUNEA II: STIINTE NATURALE. Iasi. Rumania.
Vol. 5, no. 1, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1,
January 1960.

Uncl.

ZOSIN, C., conf.; BARBU, N.; BACANU, Gh.; IANOVICI, Eugenia

Investigation of renal function with the aid of plasma purification methods; measurement of glomerular infiltrates with sodium hyposulfite. Rev.st.med., med. int., Bucur. 6 no.4:59-68 Oct-Dec 54.

1. Clinica a II-a medicala, I.M.F. Timisoara Comunicat in sedinta sin 3 iunie 1953 a Societatii stiintelor medicale sectia boli interne, filiala Timisoara

(KIDNEY FUNCTION TESTS

glomerular filtration, measurement with sodium hyposulfite)

(SODIUM

hyposulfite, in kidney funct. test)

ZOSIN, C., Prof.; ELIAS, St.; BACANU, Gh.; BARBU, N.; IANOVICI, E.

Measurement of the coefficient of clearance of iodated compounds
for determination of the effective renal blood flow. Med. int.,
Bucur. 7 no.4:127-136 Oct-Dec 55.

1. Clinica a II-2 med. IMF Timisoana.

(KIDNEYS, blood supply

determ. of effective renal flow by clearance of
neorenubral)

(CONTRAST MEDIA

neorenubral clearance in determ. of effective renal
blood flow)

ZOSIN, C., Prof.; POPESCU, A., dr.; BACANU, Gh., dr.; BARBU, N., dr.

Magnesium sulfate in determination of arterial circulation rate.
Med.int.,Bucur. 8 no.5:711-715 Sept 56.

1. Clinica a 11-a medicala, Timisoara.

(BLOOD CIRCULATION

rate of flow, peripheral, determ. with magnesium sulfate
& fluorescein)

(VASCULAR DISEASES, PERIPHERAL, diagnosis

determ. of rate of arterial blood flow in extremities,
method using magnesium sulfate)

(MAGNESIUM SULFATE

method of determ. of arterial circ. rate)

EXCERPTA MEDICA Sec 16 Vol 7/5 Cancer May 59

1662. **Primary tumour of the pericardium with multiple metastases**
Tumoare primitiva de pericard cu metastaze multiple. BACANU GH., BARBU N.,
DIACONESCU I., JIGMAN L., SARI I. and SCHNEIDER I. Clin. a III-a Med., Timişoara
Med. internă (Bucureşti) 1958, 10/6 (919-923)
The clinical, radiological, ECG and morbid-anatomical findings in a case of reticulo-
endothelio-angiosarcoma of the pericardium with myocardial metastases are exposed.
Stress is laid on the youth of the patient, the dimensions reached by the tumour and
the rarity of these cases.
Nicolaeşco - Bucharest

UNGUREANU, N.; SIMIONESCU, T.; VALULESCU, Gr.; SUCIU, D.; BARBU, N.;
ZAHIU, A.; BUHESCU, R.; BUSNITA, M.

Aspects of the obtention of polycarbonates by interfacial
polycondensation. Rev chimie Min petr 13 no.7:405-411
J1 '62.

ZOSIN, C., prof.; MANESCU, N., dr.; BARBU, N., dr.; HENNING, R., dr.;
ADLER, H., dr.; BROD, M., dr.; POP, S., dr.; SCHWARZKOPF, A., dr.

Arterial hypertension of pyelonephritic origin. Med. intern. 14 no.9:
1065-1073 S '62.

1. Lucrare efectuata in Clinica a III-a medicala I.M.Timisoara.
(PYELONEPHRITIS) (HYPERTENSION, RENAL)

L 38577-66

ACC NR: AP6027680

SOURCE CODE: RU/0024/66/000/001/0048/0051

AUTHOR: Barbu, N. (Iasi)

ORG: none

TITLE: Projects concerning the soil map of the world

SOURCE: Natura. Seria geografie-geologie, no. 1, 1966, 48-51

TOPIC TAGS: map, soil, Earth crust

ABSTRACT: The author summarizes the arguments presented at various international congresses relating to the importance and necessity of drawing up a map of world soils, and describes the concepts and decisions adopted so far in regard to this map, which is to be based on a unified concept and to be drawn to a scale of 1:5,000,000. The map, under the auspices of the International Soil Science Society, FAO and UNESCO, is expected to be completed within 10 to 12 years. [Based on author's Eng. abst.] [JPRS: 36,457]

SUB CODE: 08 / SUBM DATE: none

Card 1/1 *KV*

BARBU, N.; IONESCU, I.; IONESCU, B.

The Ciunga Massif, geologic and geomorphologic characteristic,
Anal St Jassy II 20:105-114 '64.

1. Submitted October 26-28, 1963.

CHIRIAC, Elena; BARBU, P.

Helminthofauna of micromammals of Macin and its environs,
Northern Dobruja. Studii cerc biol anim 14 no.13:385-392
'62.

1. Comunicare prezentata de M.A.Ionescu, membru corespondent
al Academiei R.P.R., membru al Comitetului de redactie si
redactor responsabil, "Studii si cercetari de biologie;
Seria biologie animala."

HOMEI, V.; BARBU, Pr.

Gestation in *Miniopterus schreibersi*. Studii cerc biol
anim 14 no.1:57-64 '62.

1. Comunicare prezentata de V. Ghetie, membru corespondent
al Academiei R.P.R., si membru al Comitetului de redactie,
"Studii si cercetari de biologie; Seria biologie animala."

POPESCU, Alexandra; BARBU, Profira

Contributions to the study of the systematics and dynamics of
small mammals in the outskirts of Macin. Studii cerc biol s.
zool 16 no. 4:351-359 '64.

1. Laboratory of Zoology of Vertebrates, Faculty of Biology.

BARBU, A.

ROMANIA/Human and Animal Physiology - Liver.

V-8

Abs Jour : Ref Zhur - Biol., No 1, 1958, 4087

Author : R. Barbu, N. Enescu, A. Lupu, H. Maier, M. Saragea,
N. Sterescu, H. Szopp

Inst : -

Title : An Experimental Study of the Biliary Function of the
Liver after Resection of the Stomach.

Orig Pub : Med. interna, 1957, 9, No 2, 220-230

Abstract : Surgical resection of the stomach in dogs changed the
mechanism of bile evacuation into the intestine.
These modifications in the evacuation of bile were
depending on changes in bile secretion by hepatic cells,
changes in the bile bladder (atonia) and a prolonged re-
laxation of Oddi's sphincter.

Card 1/1

Lucrare efectuata la catedra de Fiziopatologie I. M. F. si institutul
de terapeutica al Academiei R. P. R.,

CLOPOTARU, Morgot; BARBU, R.; SARAGEA, M.

Oxidizing metabolism of the hepatic cell. Note I. Experimental hepatitis. Studii cerc fiziol 4 no.4:511-517 '59. (EEAI 9:9)

1. Catedra de fiziopatologie a Institutului medico-farmaceutic din Bucuresti.

(LIVER)

(HEPATITIS)

(CARBONTETRACHLORIDE)

(OXIDATION)

SARAGEA, M.; BARBU, R.

Hepatic clearances. I. Hepatic clearance of bromsulphalein in experimental toxic hepatitis. Stud. cercet. med. intern. 2 no.5:705-714 '61.

(HEPATITIS experimental)

(LIVER FUNCTION TESTS experimental)

FONI, I.; SARAGEA, M.; PAUSESCU, E.; SNEER, A.; CLOPOTARU, Margot; IONESCU, C.;
IONESCU, Cristina; BARBU, R.

Contributions to the experimental study of intestinal obstruction.
Rumanian M Rev. no.1:155-156 Ja-Mr '61.

1. The Chair of Pathological Physiology of the Medicopharmaceutical
Institute in Bucharest (Head of the Chair: Assist. Prof. M. Saragea)
and the Institute of Therapeutics of the R.P.R. Academy, medical team
of the "I.C. Frimu" Hospital (Head of the team: Prof. I. Turai,
Corresp. Member of the R.P.R. Academy).

(INTESTINAL OBSTRUCTION pathology)
(STOMACH pathology) (BILIARY TRACT pathology)

RUMANIA/Chemical Technology. Chemical Products and H
Their Uses. Part I. Processes and Chemical
Industry Equipment.

Abs Jour : Ref Zhur-Khimiya, No 15, 1958, 50600

Author : Barbu, V.

Inst : -

Title : A Study of Effect of Supercooling on
Refrigerating Efficiency.

Orig Pub : Comun. stiint si tehn., 1956, 2, 131-144

Abstract : By a thermodynamic analysis, it was estab-
lished that supercooling of the refrige-
rant, prior to throttling, increases the
coefficient of cooling of compression
type refrigerator, operating on a steam
cycle only, when the heat of supercooling

Card : 1/2

RUMANIA/Atomic and Molecular Physics - Heat

D-6

Abs Jour : Ref Zhur - Fizika, No 4, 1959, No 5462

Author : Barbu V.

Inst

Title : Determination of the Constants and Calculation of the Errors
in the Bock Instrument for the Measurement of Heat Conduc-
tion.

Orig Pub : Metrol. apl., 1958, 5, No 2, 64-71, 95,96

Abstract : An investigation was made of the most highly perfected equip-
ment for the measurement of the coefficient of heat conduction
(Referat Zhur Fizika, 1954, No 1, 484). The construction of
the instrument is described along with the operating proce-
dure for it, and also the behavior of the instrument under
special working conditions, determination and verification
of the constants of the instrument, and the measurement errors.

Card : 1/1

UNGUREANU, C., conf. ing.; BARBU, V., ing.; BEJAN, I., ing.; THEIL, H.
ing.; ARDELEAN, Z., ing.

Studies on the operation of the "Dinamo-Timisoara 2" type
injector. Energetica Rum 12 no. 7:318-324 J1 '64.

Barbu, V.; Alexandrescu, G.

Some natural endocranial casts of Hipparion. p. 35.

STUDII SI CERCETARI DE GEOLOGIE. Bucuresti, Rumania. Vol. 4, No. 1, 1959.

Monthly List of East European Accessions (MEAI) LC, Vol. 9, No. 1, Jan 1960
Uncl.

VLADEA, I.; BARBU, V.; UNGUREANU, C.; BEJAN, I.; THEIL, H.; COTOCIU,
Eleonora

Influence of the main parameters on the pulverization angle
of a rotary injector. Bul St si Tehn Tim 7:185-195 '62.

BARBU, V.; THEIL, H.; UNGUREANU, C.; COTOGIU, F.

Dynamic characteristics of the burning in stratum of Anina
mixtures with Ponor coal. Bul St si Tehn Tim 8 no.1:77-84,
Ja-Je '63.

ELIADE, Eugenia; BARBU, Valeria

Fighting the diseases of the Japanese quince tree
(*Chaenomeles japonica* Lindl.). Studii cerc biol veget
15 no.4:531-540 '63.

1. Comunicare prezentata de academician Alice Savulescu.

BARBU, Virgil

Influence of the main elements on the lateral losses in experimental determination of the coefficient of thermal conductivity by the plate method. Bul St si Tehn Tim 7:71-84 '62.

On the working sector of devices for determination of the coefficient of thermal conductivity by the plate method, with direct feeding from the network. Ibid.:85-88

On the errors due to the caloric exchange with the ambient medium in the determination of the coefficient of thermal conductivity by the plate method. Ibid.:89-100

HURMUZACHE, E.; BURDEA, M.; BARBU, S.; BOGDAN, Fl.

Congenital cerebriform hyperplasia of the adrenal glands. Stud. cercet.
endocr. 13 no.1:131-135 '62.

(ADRENAL GLANDS abnormalities)

(HYPERTROPHY AND HYPERPLASIA case reports)

BARBU, V.; THEIL, H.; NEISS, F.; NEGRO, D.

"heoretical considerations on eddy current cooling. Bul St si
Tehn Tim 9 no.1:45-56 Ja-Je '64.

RUMANIA / Human and Animal Physiology (Normal and Pathological). Nervous System. General Problems

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97848

Author : Barbu, Z., Bors, M., Horvath, P., Nacsadi, B.
Charap, Gh., Alexa, M.

Inst : Not given

Title " On Cutaneo-Galvanic Reflex in Tuberculosis

Orig Pub: Rev. med. (RPR), 1955, .1, No 3, 35-40

Abstract: No abstract.

Card 1/1

78

BAHEU, Z., and others

Studies on duration of efficacy of hydrazide treatment in tuberculosis.

P. 1545. Vol. 5, no 6, June 1955

SOURCE: East European Accessions List, (EEAL), Library of Congress

Vol. 5, no. 12, December 1956

BARBU, Z., AND OTHERS.

Studies on duration of efficacy of hydrazide treatment in tuberculosis.
p. 1545. Academia Republicii Populare Romine. COMUNICARILE. Bucuresti.
Vol. 5, no. 10, Oct. 1955.

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, no. 9, Sept. 1955

~~BARBU, R.~~ Zenko, dr.; BORS, Marta, dr.; CHARAP, Gyorgy, dr.;
BAROTHY, Miklos, dr.; SZIMA, Zoltan, dr.; ALEXA, Maria

Study of the nervous system in tuberculosis. Tuberk. kerdesei
9 no.5:193-200 Oct 56.

1. A Marosvasarhelyi Orvostudományi és Gyógyszerészeti
Felsőoktatási Intézet tudósklinikájának (vezető: Barta, R.
Zeno, dr. egy. ny. r. tanár) közleménye.

(TUBERCULOSIS, physiol.

NS funct., testing methods (Hun))

(NERVOUS SYSTEM, in various dis.

tuberc., funct. tests (Hun))

GUNDISCH, M., prof.; FESZT, T.; BARBU, Z.; BORS, M.

A histochemical study of alkaline phosphatase in experimental tuberculosis influenced by chlorpromazine. Rumanian M Rev. no.4: 7-10 O-D '60.

1. This work was carried out at the Chair of Histology (Prof. M.Gündisch) and in the Clinic of Phthisiology (Prof. Z. Barbu). Medicopharmaceutical Institute, Tirgu-Mures.

(TUBERCULOSIS, PULMONARY experimental) (PHOSPHATASES metabolism)
(CHLORPROMAZINE pharmacology)

MARKUS, C., Dr.; NAGY, A., dr.; BARBU, Z., prof.

Ballistocardiograms, phonocardiograms and radiotomograms of patients with pulmonary diseases preceding "cor pulmonale". Med. intern., Bucur 12 no.12:1851-1856 D '60.

1. Lucrare efectuata in Clinica medicala (conductor: prof. Doczy Pal) si in Clinica de fiziologie (conducator: prof. Zeno Barbu) ale I.M.F. Tg.Mures.

(BALLISTOCARDIOGRAPHY) (PHONOCARDIOGRAPHY)

(PULMONARY HEART DISEASE diagnosis)

(LUNG DISEASES complications)

SZABO, St.; BAREU, Z.; LAPOMOS, Eva; GRIDNEVA, Alla L.; MODY, F.; BORS,
Marta; MEZ, Olga; JAKAB, Fr.

Clinical and experimental investigations on autoantibodies in
silicosis. Rumanian med. rev. 19 no.1:52-57 Ap-Je'65.

CURTOV, Victor, ing.; BALATEANU, M., MICH, Gh., ing.; BALATEANU, Gh., ing.

The "critical road" method. Constr Buc 17 no.302:1 22 My '65.

1. Institute of Building Research and Construction Economics (for Curtov). 2. Assistant Chief Engineer, Bucharest Construction and Assembling Enterprise (for Balateanu). 3. Planning Workshop of the Bucharest Construction and Assembling Enterprise (for MICH). 4. Chair of Organizing, Planning, and Construction Economics, Institute of Constructions, Bucharest (for Balateanu).

1. "All in the Course of War - But the Victims of War." Y. JOURNAL and N. AFRICA, (no attribution given), pp 146.
2. "Pool of Trenches is in the 'New' Region." ACTIVITY, (no attribution given), pp 146.
3. "The 'New' Region." ACTIVITY, (no attribution given), pp 146.
4. "The 'New' Region." ACTIVITY, (no attribution given), pp 146.
5. "The 'New' Region." ACTIVITY, (no attribution given), pp 146.
6. "The 'New' Region." ACTIVITY, (no attribution given), pp 146.
7. "The 'New' Region." ACTIVITY, (no attribution given), pp 146.
8. "The 'New' Region." ACTIVITY, (no attribution given), pp 146.
9. "The 'New' Region." ACTIVITY, (no attribution given), pp 146.

- 2/2 -

- 2/2**

BARBUKOV, I.P.

Operating the automatic line of stamped hook link chain production.
Trakt. 1 sel'khozmasht. no. 4:42-46 Ap '58. (MIRA 11:5)

1. Krasnodarskiy zavod "Sel'khozmashtsep'."
(Chains)

BARBUKOV, I.P.

Automation of the manufacture of stamped hook link chains. Trakt. i
sel'khoz mash. no. 7:45-46 J1 '64. (MIRA 18:7)

1. Golovnoye konstruktorskoye byuro po tsepnyim, remennym peredacham i
variatoram dlya sel'skokhozyaystvennykh mashin.

BARBUKOV, I.P.

Standardization of units and parts of agricultural machinery.
Standartizatsiia 29 no.3:31-36 Mr '65. (MIRA 18:5)

1. Nachal'nik Golovnogo konstruktorskogo byuro po tsepnyam,
remennym peredacham i variatoram dlya sel'skokhozyaystvennykh
mashin.

BARBUKOVA, V.I., kand. ist. nauk; DEMIDOVA, Z.F., kand. ist. nauk;
POSELYANINA, O.K., kand. ist. nauk; SORIN, Yu.N., kand.
ist. nauk; SHATVOROVA, V.D., kand. ist. nauk; KHLUSHCHEV,
V.I.; STARODUBTSEV, N.I.; **SHVETS, I.Ye.**; **TOROPCHIN, N.S.**,
red.; **IVANOVA, R.N.**, tekhn. red.

[Krasnyi Aksay; from the history of the M.V.Frunze Rostov
Plant of Agricultural Machinery] Krasnyi Aksai; iz istorii
Rostovskogo zavoda sel'skokhoziaistvennogo mashinostroeni-
ia imeni M.V.Frunze. Rostov-na-Donu, Rostovskoe knizhnoe izd-
vo, 1962. 158 p. (MIRA 15:9)

1. Prepodavateli Rostovskogo gosudarstvennogo universiteta
(for Barbukova, Demidova, Posolyanina, Sorin, Shatvorova).
 2. Otvetstvennyy sekretar' mnogotirazhnoy gazety "Krasnyy
aksayets" (for Khrushchev).
 3. Zaveduyushchiy kabinetom po-
liticheskogo prosveshcheniya partiynogo komiteta Rostovskogo
zavoda sel'skokhozyaystvennogo mashinostroyeniya "Krasnyy
Aksay" (for Starodubtsev).
 4. **Rabochiy remontno-mekhanicheskiy**
tsekha Rostovskogo zavoda sel'skokhozyaystvennogo mashino-
stroyeniya "Krasnyy Aksay" (for Shvets).
- (Rostov-on-Don---Agricultural machinery)

POP, A.; BARBUL, M.; BESCHEA, C.

Determining by gas-liquid partition chromatography the relative volatilities in presence of solvents for the dehydrogenation products of isopentane. Rev. chimie Min petr 13 no.6:362-367 Je '62.

POP, A.; BARBUL, M.; BESCHEA, C.

Analysis of the dehydrogenation product of ethylbenzene by
gas-liquid partition chromatography. Rev. chimie Min. petr.
12 no.8:497-498 Ag'61

1. Institutul "Petrochim"-Ploiesti.

POP, A.; BARBUL, M.; BESCHEA, C.

Determination of naphthalene and some methylnaphthalene in petroleum and dealkylated products by gas-liquid distribution chromatography. Rev chimie Min petr 15 no.11:686-689 N '64.

BAREUL, M.; BESCHEA. C.; POP, A.

Determining C₂-C₇ hydrocarbons in air, hydrogen, and
methane gas a p_i level. Rev chimie Min petr 16 no.2:
101-103 F '65.

BARBUL, M.; POP, A., BESCHEA, C.

Determining impurities in monomer styrene by gas-
liquid partition chromatography. Rev chimie Min petr
15 no. 5:280-283 My '64.

L 64948-65

EPT(c)/EWP(j) RM

ACCESSION NR: AP5023465

RU/0003/64/015/011/0686/0689

AUTHOR: Pop, A.; Barbul, M.; Beschea, C.

TITLE: Determination by gas-liquid distribution chromatography of naphthalene and some methylnaphthalenes in oils and dealkylated products

SOURCE: Revista de chimie, v. 15, no. 11, 1964, 685-689

TOPIC TAGS: chromatographic analysis, naphthalene, petroleum, petroleum product

ABSTRACT: Some data is presented and the chromatograms are reproduced that were obtained in the determination of the naphthalene contents in petroleums (fraction 200 to 300 degrees centigrade), in the aromatic concentrations of these oils, and in their catalytic dealkylation products. Orig. Art. Incl.: 7 graphs, and 4 tables.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: FP, GC

NR REF SOV: 002

OTHER: 015

JPRS

1/1 KC

L 31450-66 EWP(j) FM

ACC NR: AP6023180

SOURCE CODE: RU/0003/65/016/002/0101/0103

AUTHOR: Barbul, M.; Benschaa, C.; Pop, A.

42
B

ORG: none

TITLE: Determination of parts per million amounts of C sub 2-C sub 5 carbons in air, hydrogen and methane gas

SOURCE: Revista de chimie, v. 16, no. 2, 1965, 101-103

TOPIC TAGS: hydrocarbon, methane, hydrogen, chromatography

ABSTRACT: The authors describe a method for the determination of very small amounts of C₂-C₅ hydrocarbons in air, hydrogen or methane gas. The method makes use of the concentration of the impurities by means of a special device, followed by gas-liquid distribution chromatography. The maximum relative error for determinations within 1 and 20 parts per million is 12 percent, and for determinations in the range 0.1 to 1 parts per million it is 25 percent. Orig. art. has: 4 figures and 4 tables.
[Based on authors' Eng. abst.] [JPRS]

SUB CODE: 07 / SUM DATE: none / SOV REF: 002 / OTH REF: 016

Card 1/1 JT

0715

1391

PAVELESCU, D.; ILIUC, I.; BARBUL, S.; PROCOPOVICI, E.; NASTASE, M.;
CONSTANTINESCU, V.

A method of studying wear of bearings with radioisotopes.
Studii cerc mec apl 11 no.6:1397-1410 '60.

PAVELESCU, D.; ILIUC, I.; BARBUL, S.

A radioactive vethod for the evaluation of lubricating qualities
in compound oils by using the wear of surfaces. II. Studii cerc
mec apl 13 no.1:193-203 '62.

PAVELESCU, Dan; ILIUC, Ivan; BARBUL, Sanda

Aspects of the antiwear properties of some extreme
pressure additives at high temperatures. Studii cerc
mec apl 14 no. 6: 1479-1484 '63.

BAR BULESCU, H. Dr.

HEMU, P., Dr.; STRAFALONE, Nicolae; BARSULESCU, A. Dr.

Study of a case of hepatic fascioliasis (during liver cirrhosis).
Med. int., Bucur. 9 no. 4: 275-280 May 57.

1. Lucrare efectuate la Spitalul unificat Cimpulung Muscel, Sectia
medicala.

(LIVER CIRRHOSIS, complications
hepatic fascioliasis, case report)

(FASCIOLA HEPATICA, infections
liver, in liver cirrhosis, case report)

MANU, P., Dr.; SANDESCU, A., dr.; CONSTANTINESCU, M., dr.;
BARBULESCU, Al., dr.

Study of a case of multiple myeloma. Med.int.,Bucur. 8 no.6:
903-908 Oct 56.

1. Spitalul unificat de adulti Cimpulung, Muscel.
(MYELOMA, PLASMA CELL, case report
in 56-year-old farmer)

BARBULESCU, AURELIA

1. "On the Geologic Volcanism in the Eastern Part of the Romanian Plateau," Geological Magazine, 1961, 10, 1, 1-10.
2. "New Data on the Geology of the Eastern Part of the Romanian Plateau," Geological Magazine, 1961, 10, 1, 1-10.
3. "The Problem of the Lower and Upper Limits of the Paleogene in the Eastern Carpathians," Geological Magazine, 1961, 10, 1, 1-10.
4. "The Microfauna of the Eastern Part of the Romanian Plateau," Geological Magazine, 1961, 10, 1, 1-10.
5. "Contributions to the Study of the Eastern Part of the Romanian Plateau," Geological Magazine, 1961, 10, 1, 1-10.
6. "Geological Data Concerning the Eastern Part of the Romanian Plateau," Geological Magazine, 1961, 10, 1, 1-10.
7. "Geological Data Concerning the Eastern Part of the Romanian Plateau," Geological Magazine, 1961, 10, 1, 1-10.
8. "Contributions to the Study of the Eastern Part of the Romanian Plateau," Geological Magazine, 1961, 10, 1, 1-10.
9. "Concerning the System of the Eastern Carpathians," Geological Magazine, 1961, 10, 1, 1-10.
10. "Geological Observations in the Eastern Part of the Romanian Plateau," Geological Magazine, 1961, 10, 1, 1-10.
11. "The Plateaus and Tectonic Levels of the Eastern Part of the Romanian Plateau," Geological Magazine, 1961, 10, 1, 1-10.
12. "Plateaus and Tectonic Levels of the Eastern Part of the Romanian Plateau," Geological Magazine, 1961, 10, 1, 1-10.
13. "Contributions to the Geologic Study of the Eastern Part of the Romanian Plateau," Geological Magazine, 1961, 10, 1, 1-10.

ROSENBERG, M.; NICOLAU, P.; NICOLAE, I.; TANASOIU, C.; MIHALCU, M.; BARBULESCU, A.; COHN, Z.; SCHONBERGER, P.

Studies on the thermistors in Rumania. Studii cerc fiz 12 no.4:
909-912 '61.

1. Institutul de fizica, Bucuresti (for Rosenberg, Nicolau, Nicolae, and Tanasoiu). 2. Uzinele Electronica, Bucuresti (for Mihalcu, Barbulescu, Cohn, and Schoenberger).

BULIGESCU, L., dr., candidat in stiinte medicale; CONSTANTIN, Ileana, dr.;
FIRICA, A., dr.; MANU, P., dr.; MIRCEA, C., dr.; STANESCU, Eugenia, dr.;
BARBULESCU, Alexandru, dr.

Considerations on a case of thrombocythemic megakaryocytic myelosis.
Med. intern. 13 no.10:1421-1424 0 '61.

1. Lucrare efectuata in Clinica Medicala "C. Davila".

(BLOOD DISEASES case reports)

BARBULESCU, Aurelia

Contributions to the study of Jurassic lamellibranchiate
fauna in Dobruja. Studii cerc geol 8 no.1:45-63 '63.

1. Comunicare prezentata de academician M.G. Filipescu.

BARNA, E., ing.; BARBULESCU, C., ing.

Manufacture of glass electric insulators. Industria usoara 3
no.1:21-24 Ja '56.

BARBULESCU, C., ing.

Fusing of the glass containing B_2O_3 calls for the use of certain special refractories. Industria usoara 3 no.8:335-337
Ag '56.

BARBULESCU, C.

Rumania/Chemical Technology. Chemical Products and Their Application -- Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5192

Author: Barba, E., Barbulescu, C.

Institution: None

Title: Manufacture of Glass Insulators

Original

Publication: Ind. usocara, 1956, 3, No 1, 21-24

Abstract: Listed are the requirements that must be met by materials for glass electric insulators; and their advantages and shortcomings in comparison with the porcelain insulators. A detailed description is given of the technology of glass insulator manufacture at the "Turda" plant.

Card 1/1

SW
/ Melting of glasses containing B_2O_3 . C. Bărbulescu.
Ind. ~~us~~oord (Bucharest) 3, 335-7(1956). — ~~Boresilicate glasses~~
attack the alumina-base refractories used for the con-
struction of the melting furnaces, and the Fe dissolved from
the com. bricks reduces the transparency of the glass. Bricks
made of pure silica were found to be very satisfactory, re-
sulting in longer operating periods between shutdowns and
yielding a clear, bubble-free glass. Francois Kertess

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RUSSIAN CARD

RUMANIA / Meadow Cultivation.

L

Abs Jour: Ref Zhur-Biol., No 7, 1958, 29608.

Author : Berbulesku, G.

Inst : Institute for Scientific Agriculture.

Title : Contribution to the Study of the Hilly Meadows
Between Arges and Dimbovita.
(K izucheniyu kholmistykh lugov mezhdu Arzhes-
hom i Dymbovitsey).

Orig Pub: Anuarul lucrar stiint. Inst. agron., 1957, 47-62.

Abstract: Description is given of 4 dominant associations
of pasturage and hayland (*Agrostis tenuis* /
Trifolium repens, *Agropyrum intermedium* / *Brach-
ypodium pinnatum*, *Festuca pratense* and *Agrostis
tenuis* / *Festuca pseudovina*). Tables show the
membership of the species in each association
and dominance.

Card 1/1

75

BARBULESCU, C.

"Management, organization, and working of enterprises" by
V.Stanescu, A.Keresztes. Reviewed by C.Barbulescu. Probleme
econ 16 no.3:134-138 Mr '63.

BARBULESCU, C.; BARSAN, A.; BURCEA, P.; PU1U, St.; MARELE, U., (Bucuresti)

Natural pastures and hayfields on the Bran Plateau. Natura
Biologie 16 no.2:10-19 Mr-Apr '64.

BARBULESCU, C., ing., candidat in stiinte agricole

The slope lands, a rich source of fodders. St si Teh
Buc 16 no. 3: 6-7 Mr '64.

BARBOLESCU, C., candidat in stiinta agricole

Alpine pastures. St si Teh Buc 14 no.5:32-33 My '62

BARBULESCU, C., candidat in stiinte agricole

Leguminous plants for fodder. St si Teh Buc 15 no.3:14-15, 33 Mr
'63.

BARBULESCU, C.; DIMITRU, G.

"Watching and rate setting of consumption and stocks of goods"
by B. Herscovici, V. Chiriac. Reviewed by C. Barbulescu, G.
Dimitru. Probleme econ 15 no.6:142-146 Je '62.

RUMANIA

BARBULESCU, C., Eng and BURCEA, P., Eng, of the "N. Balcescu"
Agronomic Institute (Institutul Agronomic "N. Balcescu"), Bucha-
rest.

"Some Problems Concerning the Rational Use of Pastures."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13,
No 6, Jun 63, pp 17-21.

Abstract: With the aim of modernizing the pasture system
through the replacement of the old free grazing method, the
importance of dividing pastures into lots is emphasized;
these can successfully be grazed for short periods in success-
ion, allowing the grass to grow back on the lots not being
used at a particular time. This also is an important measure
for the prevention of parasitosis on pastures. Practical
observations and tests proved that division of a pasture into
8 to 10 lots is most successful. Contains 1 figure.

1/1

BARBULESCU, D.

Distr: 4E20

The magnetic viscosity of carbon steels as a function of fatigue. Gh. Iliescu, D. Barbulescu, Gh. Savin, and V. Petrescu (Polytech. Inst. Iasi, Romania). *Bul. inst. Politeh. Iasi*, [8], 4, 253-62 (1968).—The modifications of the magnetic viscosity of C steels, owing to fatigue produced by rotative flexion, have been studied, by measuring the amplitude of the magnetic viscosity at a point of coercitive field (max. of irreversible differential susceptibility, hence max. of fluctuation viscosity) at equal time intervals (3 sec.) after cessation of the magnetic field variations. The measurements have been performed upon a fatigued sample (after successive intervals of approx. 2×10^4 cycles of rotative flexion) and a nonfatigued control sample, introduced within a magnetic circuit, which is closed by 2 sliding gates. The results indicate that the magnetic viscosity of fluctuation is influenced by the degree of fatigue, which supports the belief that structural changes take place in the fatigued metal. The magnetic viscosity increases with the no. of cycles (more for hard steels than for mild steels); and its value is easily variable in different samples of the same material, probably because of eventual internal defects in the steel. Another phenomenon has been observed, an increasing tendency of the coercitive field. The increase of viscosity at the coercitive field is due to a process of straightening of the back of the hysteresis cycle, i.e. an increase in slope.

M. Lapidot

EA REULESCU, D.

Ways of reducing the refuse in foundries. p. 203

METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industrial Metalurgice
si Constructiilor de Masini si Asociatia Stiintifica si Inginerilor si
Technicienilor di Romina.) B ucuresti, Rumania; Vol. 11, no. 4, Apr. 1959

Monthly List of East European Accessions (EEAI) LC Vol. 9, no. 9, ^{Sept.} 1959

Uncl.

PRODAN, M., ing.; TOTOLICI, D., ing.; DANCIU, C., conf.; BARBULESCU, D., ing.

Technical and economic considerations on the opportunity
of automation introduction in a vegetal oil line. Ind alim
veget 13 no.1:11-16 Ja '62.

1. Sectorul proiectari al intreprinderii "Automatica",
Bucuresti (for Prodan, Totolici).
2. Institutul de stiinte economice "V.I. Lenin", Bucuresti
(for Danciu, Barbulescu).

S/C58/62/000/006/075/136
AC61/A101

AUTHORS: Luca, Emil, Petrescu, V., Bărbulescu, D., Savin, Gh.
TITLE: A study of dielectric absorption and dispersion of the
dielectric constant in barium ferrites with Bi_2O_3 addition
PERIODICAL: Referativnyy zhurnal, Fizika, no. 6, 1962, 24, abstract 6E201
("Bul. Inst. politehn. Iași," 1960, v. 6. no. 3-4, 239-244,
Rumanian; Russian and French summaries)

TEXT: A study has been made of the change of ϵ and $\tan\delta$ of barium
ferrite with Bi_2O_3 addition in the frequency range from 30 cps to 10 Mc at
temperatures from -65 to $+150^\circ\text{C}$. Two zones of dispersion of ϵ were detected:
one below 30 cps and the other in the range from 500 kc to 5 Mc. A maximum of
 $\tan\delta$ was observed near 3 Mc. At this frequency ϵ grows with temperature con-
siderably. 

[Abstracter's note: Complete translation]

Card 1/1

BARBULESCU, E.L.

4
The behavior of refractories of stabilized dolomite in a lead refining furnace. V. Simiansky, E.L. Barbulescu, Al. Kissling, and O. Loucky (Inst. and Metallurgical Research Inst. I.C.E.M.E.T., Bucharest, Romania). *Ind. rep. populare Romane, Bul. znanst., Sect. geol. tehn. si chim.* 5, 151-6 (1953).—Refractories of stabilized dolomite (I) are mairid. in Romania, whereas those of magnesite (II), preferred by the Romanian industry, must be imported. In comparative expts. in a Pb refining furnace during 63 charges (1500 working hrs.) it was found that only one lining of I was necessary, whereas the lining of II had to be replaced twice during this time. The petrographic study of the I shows the reason for this behavior, crystals of di-Ca and tri-Ca silicate and of periclase, which are coated with a layer of brown millerite.
Werner Jacobson

Barbulescu, E.

Mettler

Refractories of a stabilized dolomite base for the open hearth. V. Smitaneky, E. Barbulescu, R. Lobel, and Al. Kissling. *Adun. conf. inginerie Romania; Studi cercetari chim.* 3, 67-79 (1955). -- In the attempt to replace imported bricks of a magnesite (I) base by a domestic Romanian product, expts. were run on open hearth with linings of bricks from I, chromo-magnesite, lesterite, and stabilized dolomite (II). It was found that the linings on the base of II are absolutely equiv. or even better than the linings of imported I. The II used showed the following characteristics: sp. gr. 3.52, bulk wt. 2.85 g./cc., porosity 14, and final contraction 0.19%. On the base of the chem. analysis the following mineralogical compn. is calcd.: MgO 41.60, 3 CaO.SiO₂ 27.55, 2 CaO.SiO₂ 18.23, 2 CaO.Fe₂O₃ 7.9%, 4 CaO.Fe₂O₃.Al₂O₃ 2.14, 3 CaO.P₂O₅ 2.55%.

Refract. Engineering

4

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17/11/55

ANGELESCU, E.; NICOLESCU, A.; BARBULESCU, Em.

Studies in the field of cationic surface-active substances. I. Synthesis and solubility in water of some cetyl-picolinium salts. Studii cerc chim 9 no.2:357-365 '61.

1. Centrul de cercetari chimice, Sectorul coloizi, Bucuresti.
2. Membru corespondent al Academiei R.P.R., Membru al Comitetului de redactie, "Studii si cercetari de chimie" (for Angelescu).

(Surface-active substances)
(Picolinium compounds)
(Solubility)

L 55165-65

ACCESSION NR: AP5017643

HU/0017/64/000/009/0395/0398

AUTHOR: Birlogeanu, C. (Engineer); Szabo, A. (Engineer); Barbulescu, E. (Engineer);
Dragoman, I. (Engineer)

TITLE: Stabilized dolomite as a basic refractory product from indigenous raw materials

SOURCE: Metalurgia, no. 9, 1964, 395-398

TOPIC TAGS: calcium carbonate, magnesium compound, lime, dolomite, refractory product

ABSTRACT: (Authors' English summary modified): A description of the wet manufacturing of stabilized dolomite from the Romanian dolomites and serpentines. The physical and chemical properties of the stabilized dolomite are given and the optimal conditions during the technological process are discussed. Orig. art. has 1 figure and 3 tables, 12 formulas.

ASSOCIATION: Institutul de cercetari metalurgice (Metallurgical Research Institute)

SUBMITTED: 00

ENCL: 00

SUB CODE: NT

NO REF SOV: 000

OTHER: 004

JPBS

Card

1/1

ROMANIA

SABAU, E., Jr., RADUCANU, St., Jr. and PAPCU, Horia, Jr.
work performed at the Shoreline Sanepid (Sanepidul Intor-
tului).

"Sterilization of Carriers, a Method for the Reduction
of Morbidity Due to Diphtheria."

Bucharest, Microbiologia, Parasitologia, Epidemiologia,
Vol 8, No 1, Jan-Feb 1963, pp 15-21.

Abstract: A series of cases on chronic diphtheria patients
between 1951 and 1958 (19 cases) were treated. Of these
only 1 were isolated. The strains isolated from the
carriers and contacts, as well as from the patients,
were tested for the toxins (24 strains) and
their toxicity (2 strains). The carriers were ste-
rilized by using chloramphenicol; this is considered
an effective method. In addition to vaccinations, for
preventing diphtheria activity.

English abstract and references of which 1 is given.
1/1

ANGELESCU, E., acad.; BARBULESCU, Emilia; NICOLESCU, Ala

Research in the field of cationic tensioactive substances. Pt. 2.
Studii cerc chim 11 no.2:193-198 '63.

1. Sectia de chimie fizica a Centrului de cercetari chimice al
Academiei R.P.R., Bucuresti.

BARBULESCU, Florica; CONSTANTINESCU, Elena; POPESCU, Ioan St.

Thermogalvanic elements. Rev chimie Roum 9 no.2:105-111 F '64

1. Laboratory of Chemistry and Physics, Faculty of Chemistry,
University of Bucharest, 13, Bulevardul Republicii, Bucharest.

MURGULESCU, I.G.; BARBULESCU, Fl.

Solvolysis of diphenylchloromethane in a mixture of alcohols.
Rev chimie Roum 9 no. 4:255-261 Ap '64.

1. Laboratories of Physical Chemistry II and III, Bucharest
University.

MURGULESCU, I.G.; BARBULESCU, Florica

On the solvolysis of diphenylchloromethane in the mixture of alcohols. Studii cerc chim 12 no. 4:257-263 AP '64.

1. Laboratory of Chemistry and Physics, Bucharest University.

BARBULESCU, Fl.; POPESCU, I. St.; SEGAL, E.

Electrochemical phenomena in solid hydrated salts. Rev chimie
Roum 9 no.1:33-37 Ja '64

1. Laboratory of Chemistry and Physics, University of Bucharest,
Bulevardul Republicii 13, Bucharest.

BARBULESCU, I.M., ing.

Salt deposits on turbine blades. Energetica Rum 11 no.8:440-
443 Ag '63.

TOPCIU, Vl.; BARCARU, Elena; BÄR, Fr.; FERENCZY, St.; MARTONY, A.

Methods of preparing the phagoresistant stems of *Clostridium acetobutylicum* Weitzmanni, and results obtained from the laboratory and factory tests. *Studii chim Timisoara* 9 no.1/2:141-160 Ja-Je '62.

1. Fabrica de butanol-acetona "Solventul" si Institutul de Igiena, Timisoara.

ANDZHEI ESKU, E. [Angelescu, E.]; NIKOLESKU, A. [Nicolescu, A.]; BERBULESKU, Em. [Barbulescu, Em.]

Surface-active cationic substances. 1. Synthesis and solubility of some cetyl picolinic salts in water. Rev chimie 6 no.2:309-316 '61.

1. Akademiya RNR, Otdel Khimicheskikh issledovaniy, Bukharest, sektor kolloidov, 2. Membre du Comité de rédaction, "Revue de chimie", membre de l' Academie de la Republique Populaire Roumaine (for Angelescu).

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30018
R/003/61/012/011/001/002
D015/D105

AUTHORS: Bărbulescu, Em., Bărbulescu, N., and Tilichenko, M.N.
TITLE: Condensation of cyclohexanone with n- and i-butyric aldehydes
PERIODICAL: Revista de Chimie, v. 12, no. 11, 1961, 631 - 636

TEXT: The article deals with the diketonic condensation of cyclohexanone with isomeric n- and i-butyric aldehydes and with the products obtained. The work was started in 1949 at the "N.G. Chernyshevskiy" University in Saratov, USSR, by M.N. Tilichenko and N.K. Astakhova [Ref 1: DAN. 74, 1950, p 951] and by M.N. Tilichenko alone [Ref 2: Annals of the Saratov University, 1954], who demonstrated that α -methyl and α -methylene ketone condensation with aromatic and aliphatic aldehyde can direct the diketonic condensation towards the formation of the A-type δ -diketones. Similar studies were conducted later by several Western scientists and J. Plesek and P. Munk [Ref 12: Coll. Czech. Chem. Comm. 5, vol. 22, 1957, p. 1,596] who achieved a cyclohexanone condensation with acetic and propionic aldehydes, establishing the formation of corresponding tricyclic ketones. The reaction process depends on whether the diketonic condensation of

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D015/D105

Condensation of cyclohexanone with n- and i- butyric aldehydes

cyclohexanone was carried out with isomeric n- or i-butyric aldehydes. In case of a diketone condensation, the normal aldehyde leads to a δ -diketone I, i.e. α,α -butylidene-bis-cyclohexanone, with a yield of 36-40%, which condensates into the corresponding ketole II, i.e. 3,4-tetramethylene, 2-propyl-dicyclo-(3, 3, 1)-nonanol-4, one-9. Isobutyric aldehyde mainly leads to the α,β -unsaturated ketone III, i.e. α -isobutylidene-cyclohexanone of a 41% yield and to the α,α' -diethylene ketone IV, i.e. α,α' -diisobutylidene-cyclohexanone of a 38% yield. The condensation product δ -diketone V, i.e. α,α -isobutylidene-bis-cyclohexanone, which passes quantitatively into the isomeric ketone VI, i.e. 3, 4-tetramethylene, 2-isopropyl-dicyclo-(3, 3, 1)-nonanol-4, one-9, gives a yield of only 4%. The α,β -unsaturated ketone III is inert in the Michael reaction, probably due to a steric hindrance or electrical effect, whereas the α,β -unsaturated isomeric ketone X, i.e. α -butylidene-cyclohexanone, reacts normally. Diketonic condensation may give a yield of approx 20%, by using a solvent requiring a temperature of 115°C, and by using the action of sodium isobutylate in

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R/003/61/012/011/001/002
D015/D105

Condensation of cyclohexanone with n- and i-butyric aldehydes

the presence of isobutyl alcohol. The authors prepared semicarbazone XIII, $C_{11}H_{19}ON_3$, from the ketone III and hydroxylamine derivative XIV, $C_{14}H_{26}O_3N_2$, from the ketone IV. By hydrogenation in the presence of palladium, the α, β -unsaturated ketones III and X were converted into the saturated isomeric ketones XI and XII, i.e. α -isobutyl-cyclohexanone and α -butyl-cyclohexanone, respectively. There are 6 tables and 18 references: 11 Soviet-bloc and 7 non-Soviet-bloc.

ASSOCIATION: Em. Bărbulescu and N. Bărbulescu: Universitatea "C.I. Parhon" ("C.I. Parhon" University) in Bucharest; M.N. Tilichenko: State University in Vladivostok

Card 3/3

Barbulescu, F.

RUMANIA/Physical Chemistry - Kinetics. Combustion. B-9
Explosions. Topochemistry. Catalysis.

Abs Jour: Referat Zhukh - Khim, No. 9, 1959, 30537

Author : Murgulescu, I.G., Barbulescu, F.

Inst : C. J. Parhon University

Title : Kinetics of the Reaction Between Benzyl Chloride
and Sodium Isoamylate

Orig Pub: An Univ 'C. J. Parhon', Ser Stiint Natur, 1958,
No 18, 49-55

Abstract: The authors have measured the dependence of the
reaction rate constant for the reaction between
benzyl chloride and sodium isoamylate on the con-
centration of the reactants and on the tempera-
ture. The energy of activation is 14.6 kcal/mol
and the entropy of activation at 366.9 and 337.5°K
is 17.67 and 22 cal/mol-°K. The results obtained

Card 1/2

Country : Rumania B-12
 Category : Electrochemistry
 Abs. Jour. : Ref Zhur - Khimiya, No 6, 1959 18635
 Author : Barbulescu, F.
 Institut. : "C.I. Parhon" University
 Title : Effect of Mechanical Action on Electrode Potential
 Orig Pub. : An. Univ. "C.I. Parhon". Ser. stiint. natur., 1958, No 18, 63-67

Abstract : Determination of e.m.f. (E) of piezo-galvanic cells consisting of two identical electrodes (Cu, Zn or Ag) immersed in a solution containing ions of the same kind; one electrode was previously subjected to pressure p from 1000 to 3400 atmospheres. The potential of this electrode was always more positive. E increases with increasing p, and the steady value $E = a + b \log p$, wherein a and b, for Cu, Zn, and Ag, are respectively, - 0.0159, - 0.0240, - 0.0031 v, and 0.0056, 0.0077, 0.0016 v. -- A. Chemodanov.

Card: 1/1

BARBULESCU, F.

Considerations on fuel saving in automobiles. II. p. 247.

REVISTA TRANSPORTURILOR. (Asociatia Stinitifica a Inginerilor si Technicienilor din Rominia si Ministerul Transporturilor Rutiere, Navale si Aeriene) Bucuresti, Romania. Vol. 6, no. 6, June 1959.

Monthly List of East European Accessions (WEAI) LC. Vol. 8, no. 9, Sept. 1959.

Uncl.

BARBULESCU, Florica; POPESCU, I., St.; SEGAL, E.

Electrochemical phenomena in solid hydrate salts. Studii
cerc chim 12 no. 1: 31-35 Ja '64.

1. Laboratory of Physical Chemistry of the Bucharest
University.

THEODOR~~ESCU~~,B.; POP~~ESCU~~,Pompiliu; SEROPIAN,~~E.~~; GHERASIM,L.; BARBULESCU,Gh.

Considerations on a case of Takayashu syndrome with unilateral
absence of the pulse. Probl. card.,Bucur. 4:35-44 '59.

(AORTA, diseases)

(ARTERITIS, case reports)

BARBULESCU, I.

Improvement of the activity of the laboratories of capacity measurement in the Bureau of Standard Measures. p. 46

Device for testing the apparatus measuring the volume of acetylene given off by carbide. p. 48.

METROLOGIA APLICATA

Vol. 2, no. 3, Mar. 1955

Rumania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 Oct. 1956

BARBULESCU, I.

Wood gluing by means of high-frequency currents. p. 298.
(INDUSTRIA LEMNULUI. Vol. 6, no. 8, Aug. 1957, Rumania)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957
Uncl.